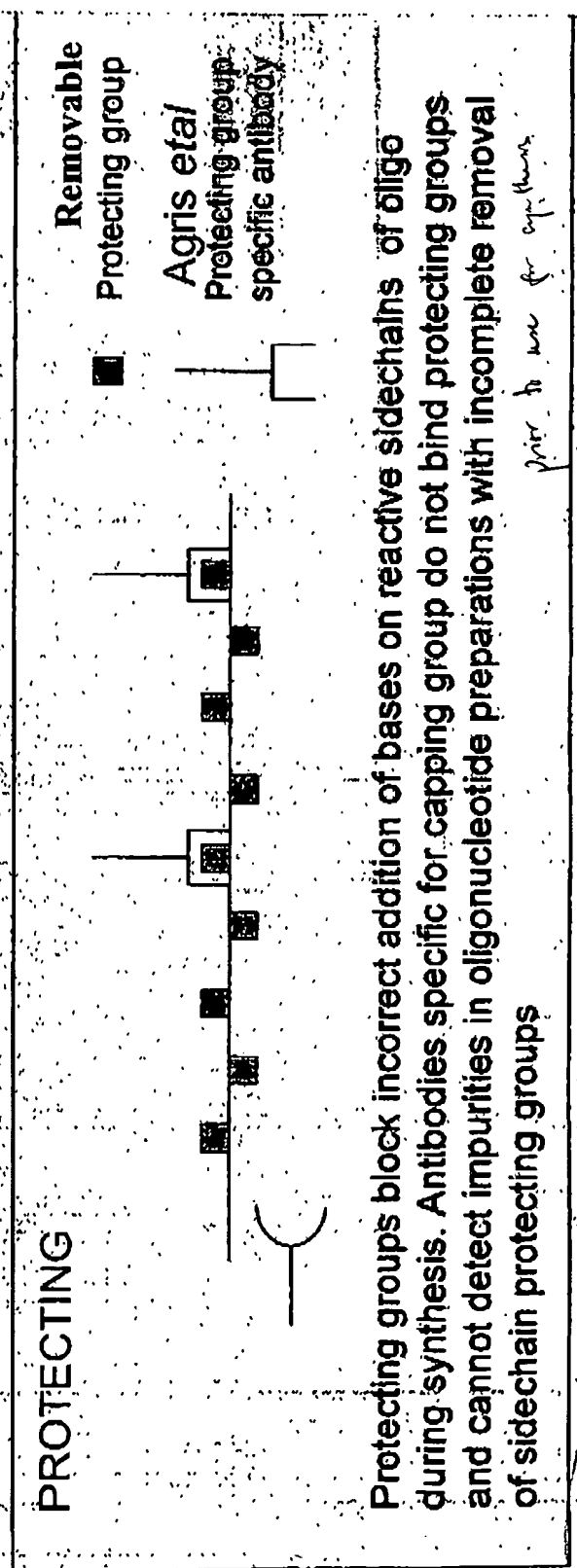
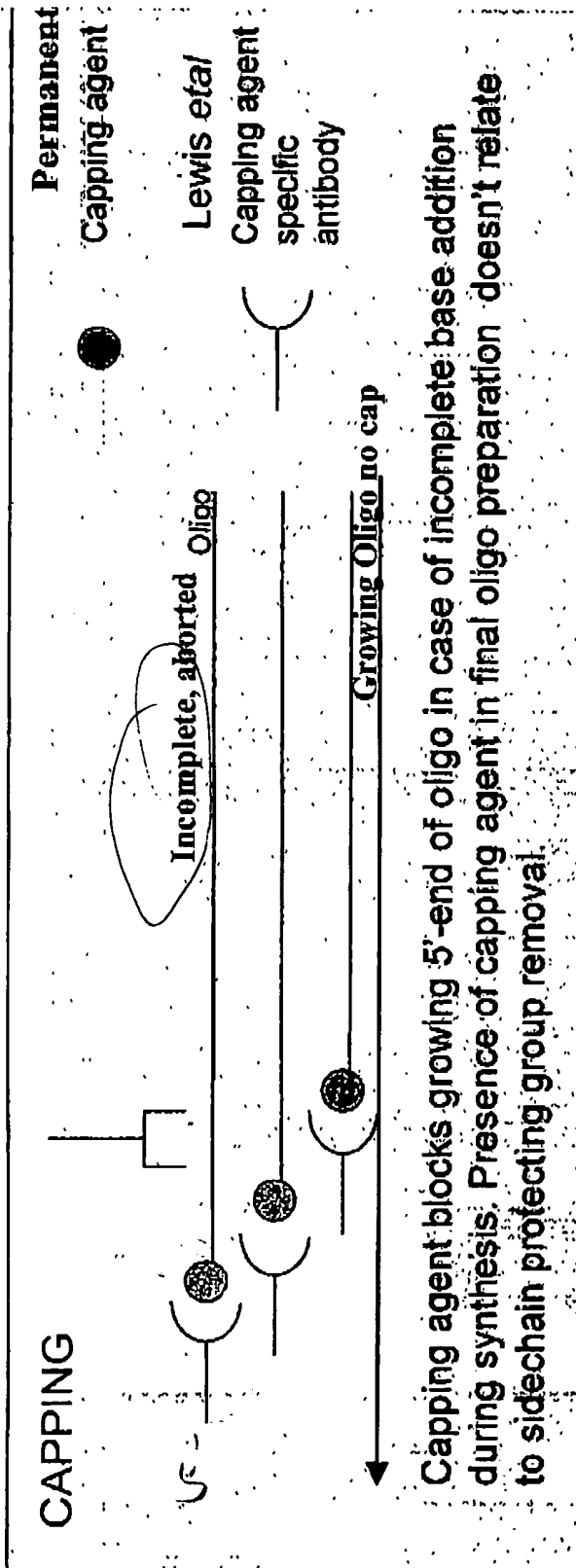


Capping and Protecting Group Technical Definitions



prior to use for applications

1 OF 2

Sibley Jettay

Lewis et al. vs. Agris et al.

Lewis et al. uses the permanent capping groups on incomplete, aborted sequences

Permanent
Capping agent

Incomplete, aborted, oligos have
caps and protecting groups

Lewis et al.
Capping agent
specific
antibody

Growing Oligo has protecting
groups, but, no cap

Agris et al. uses the few protecting groups remaining after deprotection.
Protecting groups block biological function. Caps do not.

Removable
Protecting group

Agris et al.
Protecting-group-
specific antibody

Full length oligo after
deprotecting has some remaining
protecting groups, but no cap

bbs complete & incomplete

seg

not come off work

2 OF 2